

## Sequence Listing

SEQ ID NO: 1

16s rDNA sequence for strain #44442 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAAGCCC  
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACTGCC  
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC  
CCATAGGGCATCTTGTGGGGTGAAAGTTCCGGCGGTATGGGATGGACCC  
GCGGCCTATCAGCTTGTGGTGGGGTGATGGCCTACCAAGGCGACGACGG  
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC  
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGACAATGGGCGAAAGC  
CTGATGCAGCGACGCCGCGTGAGGGATGACGGCCTTCGGGTTGTAAACCT  
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG  
GCTAACTACGTGCCAGCAGCCGCGGTAACTACGTAGGGTGCGAGCGTTGTC  
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTTCGCTCGGCCCGT  
AAAACCTCACGCTTAACGTGGAGCCTGCGGTGATACGGGCAGACTTGAG  
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA  
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC  
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCCTGGTAGTCC  
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCCTCCGTGC  
CGCAGCTAACGCATTAAGCACCCCGCCTGGGGAGTACGGCCGCAAGGCTA  
AAACTCAAAGGAATTGACGGGGGGCCCGCACAAAGCGCGGAGCATGTGGAT  
TAATTTCGATGCAACGCGAAGAACCTTACCTGGGCTTGACATGCACCGGAA  
ACCTGCAGAGATGTAGGCCTCTTCGGACTGGTGTACAGGTGGTGCATGGCT  
GTCGTCAGCTCGTGTCTGTGAGATGTTGGGTTAAGTCCCAGAACGAGCGCAA  
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC  
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCTT  
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGCTGCTA  
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG  
GTCTGCAACTCGACCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG  
CAACGCTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACGT  
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG  
AGCGGTGCAAGGTGGGACTGGCGATTGGGAC

SEQ ID NO: 2

16s rDNA sequence for strain #45494 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAGGCCCT  
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACTGCC  
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC  
CCATAAGGCATCTTGTGGGGTGGAAAGTTCCGGCGGTATGGGATGGACCC  
GCGGCCTATCAGCTTGTTGGTGGGGTGATGGCCTACCAAGGCGACGACGG  
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC  
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGAAAGC  
CTGATGCAGCGACGCGCGGTGAGGGATGACGGCCTTCGGGTTGTAAACCT  
CTTTAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG  
GCTAACTACGTGCCAGCAGCGCGGTAATACGTAGGGTGCGAGCGTTGTC  
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTGTGCGTCGGCCGTG  
AAAACCTTCACGCTTAACGTGGAGCCTGCGGTGATACGGGCAGACTTGAG  
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA  
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC  
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCC  
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCTCCGTGC  
CGCAGCTAACGCATTAAGCACCCCCGCTGGGGAGTACGGCCGCAAGGCTA  
AAACTCAAAGGAATTGACGGGGGCCCCGACAAGCGGCGGAGCATGTGGAT  
TAATTCGATGCAACGCGAAGAACCCTTACCTGGGCTTGACATGCACCGGAA  
ACCTGCAGAGATGTAGGCCCTCTTCGGACTGGTGTACAGGTGGTGCATGGCT  
GTCGTCAGCTCGTGTCGTGAGATGTTGGGTTAAGTCCCAGAACGAGCGCAA  
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC  
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCT  
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGCTGCTA  
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG  
GTCTGCAACTCGACCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG  
CAACGTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTACGT  
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG  
AGCGGTGCAAGGTGGGACTGGCGATTGGGACGAAGTCGTAACAAGGTAGC  
CGTACCGGAAGGTGC

SEQ ID NO: 3	GAG TTT GAT CCT GGC TCA G
SEQ ID NO: 4	CGG TGT GTR CAA GGC CC
SEQ ID NO: 5	GCA ACG AGC GCA ACC C
SEQ ID NO: 6	CCG TCA ATT CAT TTG AGT TT
SEQ ID NO: 7	ATT AGA TAC CCT GGT AG
SEQ ID NO: 8	CAG CMG CCG CGG TAA TWC
SEQ ID NO: 9	GWA TTA CCG CGG CKG CTG
SEQ ID NO: 10	TAC GGG AGG CAG CAG
SEQ ID NO: 12	CTG CTG CCT CCC GTA
SEQ ID NO: 13	AGA AAG GAG GTG ATC CAG CC